

ABSTRACT

MORAXELLA BOVIS CYTOTOXIN, CYTOTOXIN GENE,
5 ANTIBODIES AND VACCINES FOR PREVENTION
 AND TREATMENT OF MORAXELLA BOVIS INFECTIONS

Moraxella bovis cytotoxin and a gene encoding *Moraxella bovis* cytotoxin. Identification, isolation, cloning and
10 identification of nucleotide sequence of the *Moraxella bovis* genes *mbxA*, *mbxB*, *mbxC* and *mbxD*, partial purification of the native cytotoxin, preparation of partially purified native and a recombinant *Moraxella bovis* cytotoxin, identification of an amino acid sequence of the cytotoxin, preparation of antibodies
15 against the *Moraxella bovis* cytotoxin, preparation of vaccines against *Moraxella bovis*. Method for prevention and treatment of infectious bovine keratoconjunctivitis caused by *Moraxella bovis*.